

DATE: AUGUST, 2002 MATERIAL SAFETY DATA SHEETS
FOR COATINGS, RESINS AND RELATED MATERIALS

SECTION I

Manufacturers Name SHEFFIELD BRONZE PAINT CORP Emergency Phone No.
Street Address 17814 S.WATERLOO RD. (216) 481-8330
City, State, Zip CLEVELAND, OHIO 44119 TRANSPORTATION EMERGENCIES:CHEMTREC
(800) 424-9300 CONTINENTAL U.S.
(202) 483-7616 (COLLECT) FROM
ALASKA & HAWAII

PRODUCT NUMBER: 11-503

PRODUCT NAME: VAN DYKE BR.-9 TINTSALL

PRODUCT CLASS: UNIVERSAL TINTING COLOR

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	* CAS NUMBER*	PERCENT*	TLV	VAPOR PRESSURE
	*	*	* PPM MG/M3*	LEL * MM/HG
: IRON OXIDE	: 51274-00-1	: 4.8	: :	:
: IRON OXIDE	: 1309-37-1	: 3.0	: :	:
: IRON OXIDE	: 12227-89-3	: 10.0	: :	:
NON-IONIC BIODEGRADABLE	:	:	:	:
SURFACTANT	68154-97-2	: 13.5	: :	:
**DIACETONE ALCOHOL	123-42-2	: 13.5	: 50 : 240	: 1.8 : .95
: CALCIUM CARBONATE	: 471-34-1	: 54.7	: :	:
: ADDITIVES	: LESS THAN	: 1.0	: :	:
:	:	:	:	:

*ALL INGREDIENTS ARE LISTED ON THE EPA/TSCA INVENTORY

*SARA TITLE 111 SECTION 313 REPORTING FOR SUPERFUND AMENDMENTS

SECTION III - PHYSICAL DATA

Boiling Range: 337dgr F Vapor Density: HEAVIER THAN AIR
Evaporation Rate: SLOWER than Butyl Acetate V.O.C.:2.24#/GALLON; 270 GRAMS/LI
Percent Volatile by VOLUME: 27.4 Weight per GALLON: 16.0 LBS.
Percent Volatile by WEIGHT: 14.0

SECTION IV - FIRE and EXPLOSION DATA

DOT CATEGORY: COMBUSTIBLE FLASH POINT (SETA) - 138 Degrees F.
EXTINGUISHING MEDIA: CO-2, DRY CHEMICAL, FOAM, FOG
UNUSUAL FIRE AND EXPLOSION HAZARDS: HANDLE AS A COMBUSTIBLE LIQUID
SPECIAL FIRE FIGHTING PROCEDURES: NONE

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: 50ppm OR 240MG/M3 TWA (8 hr. Workday)
EFFECTS OF OVEREXPOSURE: BREATHING VAPOR IS IRRITATING TO EYES, NOSE AND
THROAT. CONTACT WITH EYES AND SKIN CAN CAUSE DRYNESS & IRRITATION
EMERGENCY AND FIRST AID PROCEDURES: Flush eyes immediately with large amounts
of water. Wash skin areas with water. Remove to fresh air. IF INGESTED: If
patient is conscious can swallow, give two glasses of water (16 oz.), induce
vomiting as directed by medical personnel. Do not induce vomiting or give any-
thing by mouth to an unconscious or convulsing person.
Get medical attention immediately.

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SECTION VI - REACTIVITY DATA

STABILITY: STABLE

CONDITIONS AND MATERIALS TO AVOID: HIGH HEAT, FLAME, STRONG OXIDIZING AGENTS,
NITRIC ACID AND STRONG BASES.

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE AND/OR CARBON DIOXIDE AND
UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED DURING COMBUSTION.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Remove all sources of ignition, ventilate, avoid breathing vapors.

Remove with INERT ABSORBENT(sand, earth, sawdust etc.) WEAR SUITABLE PROTECTIVE
EQUIPMENT.

WASTE DISPOSAL METHOD:

DISPOSE IN ACCORDANCE WITH FEDERAL, STATE, and LOCAL REGULATIONS. AT VERY LOW
CONCENTRATIONS IN WATER, THIS PRODUCT IS BIODEGRADABLE IN A BIOLOGICAL WASTE
WATER TREATMENT PLANT.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NIOSH APPROVED AIR-PURIFYING RESPIRATOR FOR ORGANIC
VAPORS. IN AREAS OF HIGH VAPOR CONCENTRATION, USE AN ATMOSPHERE SUPPLYING
BREATHING APPARATUS.

VENTILATION: MECHANICAL VENTILATION EQUAL TO OUTDOORS

PROTECTIVE GLOVES: RECOMMENDED FOR PROLONGED OR REPEATED CONTACT

EYE PROTECTION: SAFETY GLASSES WITH UNPERFORATED SIDESHIELDS

OTHER PROTECTIVE EQUIPMENT: SAFETY SHOWERS, CHEMICAL RESISTANT CLOTHING

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE: HANDLE AS A COMBUSTIBLE
LIQUID. STORE IN A COOL DRY PLACE. USE ADEQUATE VENTILATION EQUIVALENT TO THE
OUTDOORS

OTHER PRECAUTIONS: KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME. SMOKING SHOULD
BE PROHIBITED WHERE USED. KEEP OUT OF REACH OF CHILDREN.

SECTION X - HAZARDOUS MATERIAL IDENTIFICATION

LISTED IN THIS SECTION IS NPCA-HMIS CLASSIFICATION FOR THIS PRODUCT

Health : 3 :

Flammability : 2 :

Reactivity : 0 :

Personal Protection: B :

Information above pertains to this product as currently formulated. Addition of
other additives may alter the Composition and Hazards. WE MAKE NO WARRANTIES,
EXPRESS OR IMPLIED AND ASSUME NO LIABILITY WITH USE OF THIS INFORMATION.